

ELECTRICAL CONNECTION DEVICE

Abstract of the Disclosure

An electrical connection device is arranged for connection to a machine cable and includes a pin and a socket. The pin and the socket have engagement surfaces with the pin or socket having another surface that forms a wedging surface for the device. The pin and the socket are moveable relative to each other from a released position to an engaging position in which the engaging surfaces form an electrical contact. The device also includes a wedge portion arranged to impart a force on the wedging surface by contacting the wedging surface on movement to the engaging position. The pin and the socket are arranged so that the engagement surfaces move into opposing relationship on movement to the engaging position and the force imparted on the wedging surface biases one engagement surface against an opposing engagement surface.